

# CHAIN BLOCK VIT-II

## Heavy Duty Type for Professional & Industrial Users

### Standard Features:

- Meets all pertinent world standards
- Lightweight high strength grade 100 alloy steel load chain
- Compact design for limited headroom applications
- High strength steel frame and gear case built to be durable for the rugged needs of construction and maintenance rigging
- Heat-treated spur gear efficiently designed to provide smooth load handling and low hand chain pull
- Reinforced double pawl brake system and larger dia. pawl springs ensure reliable brake
- Open frame design for self-cleaning, quick load sheave inspection and easy hoist maintenance

### Optional Features:

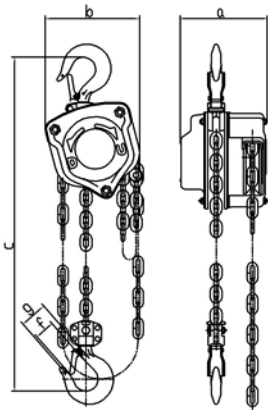
- Caged roller bearings on load sprocket



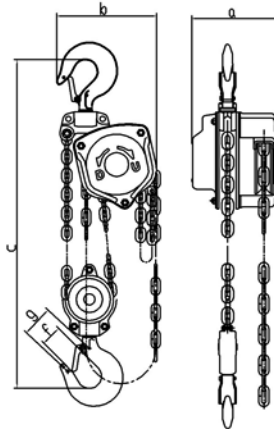
- Zinc plated load chain
- Cast latches
- Cr plated side plate assemblies
- Thrust bearings in bottom hook assembly



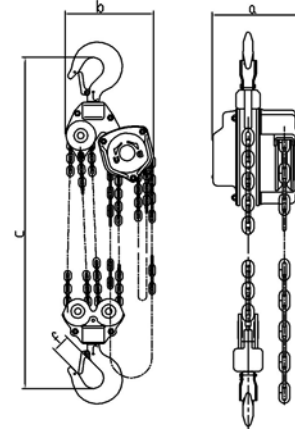
0.5 t, 1 t, 1.5 t, 2 t & 3 t



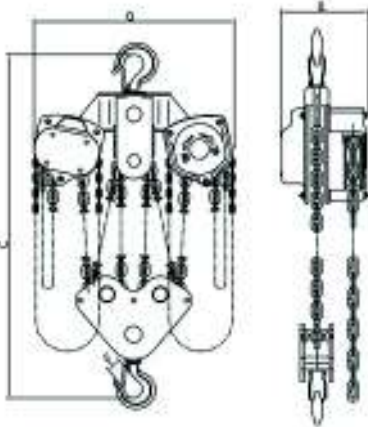
3 t, & 5 t



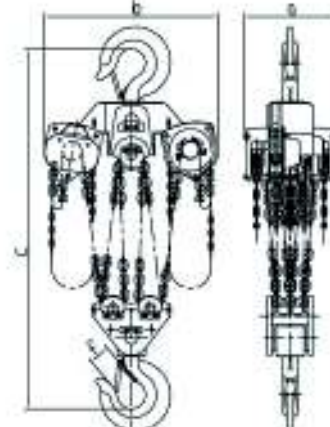
10 t



20 t



30 t



| Capacity           | (tonnes) | 0.5           | 1        | 1.5      | 2        | 2      | 3      | 3        | 5               | 10     | 20      | 30      |       |
|--------------------|----------|---------------|----------|----------|----------|--------|--------|----------|-----------------|--------|---------|---------|-------|
| Model No.          |          | VIT05         | VIT10    | VIT15    | VIT20V   | VIT20  | VIT30B | VIT30    | VIT50           | VIT100 | VIT200  | VIT300  |       |
| No. of Falls       |          | 1             | 1        | 1        | 1        | 1      | 1      | 2        | 2               | 4      | 8       | 12      |       |
| Load Chain         | (mm)     | 5 x 15        | 6.3 x 19 | 7.1 x 21 | 7.1 x 21 | 8 x 24 | 9 x 27 | 7.1 x 21 | 9 x 27          | 9 x 27 | 9 x 27  | 9 x 27  |       |
| Load Chain Grade   |          | 100           | 100      | 100      | 100      | 100    | 100    | 100      | 100             | 100    | 100     | 100     |       |
| Pull to Rated Load | (N)      | 250           | 330      | 340      | 450      | 340    | 380    | 350      | 390             | 410    | 410 x 2 | 420 x 2 |       |
| Proof Load         | (tonnes) | 0.75          | 1.5      | 2.25     | 3.0      | 3.0    | 4.5    | 4.5      | 7.5             | 15.0   | 25.0    | 37.5    |       |
| Hand Chain         | (mm)     | 4.8 x 22 x 18 |          |          |          |        |        |          | 5.5 x 23.6 x 19 |        |         |         |       |
| Standard Lift      | (m)      | 3             | 3        | 3        | 3        | 3      | 3      | 3        | 3               | 5      | 5       | 5       |       |
| Net Weight         | (kg)     | 9.0           | 12.2     | 14.5     | 15.5     | 21.0   | 34.0   | 22.0     | 40.0            | 89.4   | 214.7   | 278     |       |
| Gross Weight       | (kg)     | 9.4           | 12.7     | 15.0     | 16.0     | 22.2   | 34.5   | 22.7     | 41.5            | 96.9   | 225.7   | 293     |       |
| Extra Wt. per m    | (kg)     | 1.42          | 1.73     | 1.97     | 1.97     | 2.58   | 2.76   | 3.07     | 4.71            | 8.23   | 16.46   | 23.5    |       |
| Dimensions         | a        | (mm)          | 127      | 147      | 147      | 147    | 179    | 182      | 147             | 179    | 179     | 207     | 350   |
|                    | b        | (mm)          | 144      | 157      | 174      | 174    | 204    | 263      | 206             | 263    | 367     | 873     | 694   |
|                    | c        | (mm)          | 285      | 315      | 340      | 355    | 380    | 550      | 475             | 600    | 740     | 870     | 1,300 |
|                    | f        | (mm)          | 27       | 33       | 33.5     | 37     | 37     | 43.5     | 43.5            | 51     | 64      | 82      | 82    |
|                    | g        | (mm)          | 35       | 45       | 47       | 52     | 52     | 62.5     | 62.5            | 78     | -       | -       | -     |

50 t are available on request.